ABSTRACT

An integrated switch used in a central office for switching combined data packets and voice packets, comprises a separator for separating between the different types of packets by reading the head information in the packets, and a router for routing the

5   separate packets to their respective networks. The router further comprises a converter for translating the voice packets from the AAL2 protocol to the SS7/IMT protocol that can interface the public switched telephone network, and therefore eliminates the use of an expensive class 5 switch. The separator and the router including the converter are integrated in a single hardware platform and are controlled by a common program that

10   runs on a single CPU.